

**Abstract of the Invention**

A system and method for managing welding consumable(s) is provided. The invention includes a welder having a consumable(s) monitor, a customer system and/or a remote system. The invention further provides for monitoring of welding consumable(s) usage and ordering of welding consumable(s) from suppliers, distributors and/or manufacturers. The invention further provides for an optional arc/weld quality monitor that provides information regarding weld quality. The invention further provides for invoicing a customer for welding consumable(s) as the consumable(s) are used by the customer. The invention further provides for invoicing of customers for welding consumable(s) that produce acceptable welds. The invention further provides for remote management of customer welding consumable(s) inventory based at least in part upon information received regarding welding consumable(s) usage. The invention further provides for communication with a production component, financial accounting component and/or materials management component in order to facilitate automation of welding consumable(s) management.